Sir M. Visvesvaraya Institute of Technology
Department of Computer Science and Engineering

VIII Semester Project

MONTHLY PROGRESS REPORT – I

BATCH NO : B36

Title of the Project : Hybrid Social Network Feed Generation Algorithm

Team Members (USN - Name) :
1. 1MV14CS009 – Akhil S
2. 1MV14CS033 – Devipriya Sarkar
3. 1MV14CS074 – Praveen Kumar G
4. 1MV14CS085 – Ravikiran R

Name of the Guide : Mrs. Sushila Shidnal

Duration : From 02/02/18 to 07/03/18

Details of the Work carried out :

- Installation and configuration of Django Framework and ReactJS Framework
- Divided the project into 3 parts after thorough Object Oriented Analysis:
    a. Django Back-end (*SadSnyder*)
    b. Middle-tier API Interactions (*HighHamilton*)
    c. ReactJS Dynamic Front-end (*ElegantDarwin*)
- Created UML diagrams and implemented backend DB.
- Gathered mock data to test back-end's functionality.
- Implemented a primitive Feed generation algorithm to test with mock data.
- Implemented primitive upload, search & google Login for authentication.
- Basic Social-Network functionalities (up-vote, share, like, comment) are implemented.
- Created wireframes for *HighHamilton* and *ElegantDarwin*.

Timeline Details :

- Implementation of tagging functionality and making the feed generation algorithm more robust and scalable (in *SadSnyder*).
- To implement a ReactJS dynamic frontend-view (*ElegantDarwin*) using the wireframes made.
- To implement gamification in the social network.
- Combining the backend and frontend by implementing a middle-tier (*HighHamilton*).
- To deploy the social-network to the cloud (*Azure*) and test with live data.

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Signature of Guide Signature of Coordinator

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Signature of HOD